Patent
Attorney Docket No. 021269-010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Jong Jin Park et al.

Application No.: 10/786,592
Filing Date: February 26, 2004

Group Art Unit: 1756
Examiner: Unassigned
Confirmation No.: 4344

Title: METHOD OF MAKING CARBON NANOTUBE PATTERNED FILM OR CARBON NANOTUBE COMPOSITION USING CARBON NANOTUBES SURFACE-MODIFIED WITH POLYMERIZABLE MOIETIES

FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a **FIRST** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of $180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of $180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By _____
Charles F. Wieland III
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Date: July 16, 2004

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FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date July 16, 2004

By: _____
Charles F. Wieland III
Registration No. 33,096

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Substitute for form 1449A/PTO & 1449B/PTO				Complete if Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT				**Application Number**	10/786,592
				Filing Date	February 26, 2004
				First Named Inventor	Jong Jin PARK et al.
(use as many sheets as necessary)				**Examiner Name**	
Sheet	1	of	1	**Attorney Docket Number**	021269-010

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	* NORIAKI HAMADA ET AL., "New One-Dimensional Conductors: Graphitic Microtubules", Physical Review Letters, 1992, pgs. 1579-1581, Vol. 68, No. 10, The American Physical Society
	* RIICHIRO SAITO ET AL., "Electronic Structure of Graphene Tubules Based on C_{60}", Physical Review B, 1992, pgs. 1804-1811, Vol. 46, No. 3, The American Physical Society
	* ZXHONGFAN LIU ET AL., "Organizing single-Walled Carbon Nanotubes on gold Using a Wet Chemical Self-Assembling Technique", Langmuir The ACS Journal of Surfaces and Colloids, 2000, pgs. 3569-3573, Vol. 16, No. 8, American Chemical society, Published on Web 03/24/2000
	* JIE LIU ET AL., "Controlled Deposition of Individual Single-Walled Carbon Nanotubes on Chemically Functionalized Templates", Chemical Physics Letters, 1999, pgs. 125-129, Vol. 303, Elsevier Science B.V.
	* MILO S. P. SHAFFER ET AL., "Fabrication and Characterization of Carbon Nanotube/Poly(vinyl alcohol) Composites", Advanced Materials, 1999, pgs. 937-941, Vol. 11, No. 11, Wiley-VCH Verlag GmbH, Weinheim, Germany
	* XIAOYI GONG ET AL., "Surfactant-Assisted Processing of Carbon Nanotube/Polymer Composites", Chemical Mater., 2000, pgs. 1049-1052, Vol. 12, American Chemical Society

* COPY ATTACHED

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.